

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

CONTROLLING THE PROPERTIES AND UNIFORMITY OF A SILICON NITRIDE FILM BY
CONTROLLING THE FILM FORMING PRECURSORS

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto;
- was filed on _____, under Serial No. _____, executed on _____, even date herewith;
- and was amended on _____.
- was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR § 1.98.

[X] An Information Disclosure Statement will be submitted subsequently.

PRIORITY CLAIM (35 USC § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

[X] No such applications have been filed.
[] Such applications have been filed as follows:

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 USC § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 USC § 120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[X] No such applications have been filed
[] Such applications have been filed, as follows:

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Shirley L. Church	Registration No. 31,858
Kathi Bean	Registration No. 36,644

Send correspondence to: **Direct telephone calls to:**

Patent Counsel	Shirley L. Church
Applied Materials, Inc.	(650) 473-9700
P.O. Box 450-A	
Santa Clara, CA 95052	

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inventor: Soo Young Choi

Inventor's signature: *Soo Young Choi*

Date: *4-16-04*

Residence: U.S.A.

Post Office Address: 40907 Rioja Court
Fremont, California 94539

Country of Citizenship: Republic of Korea

U.S. Express Mail No. ER53423885US
Atty. Dkt. No. AM-923 to *Me 4/20/08*

Full name of second inventor: Tae Kyung Won

Inventor's signature: *Tae Kyung Won* Date: 04/16/04
Residence: U.S.A.
Post Office Address: 1054 Belvedere Lane
San Jose, California 95129

Country of Citizenship: South Korea
(Republic of Korea)

Full name of third inventor: Gaku Furuta

Inventor's signature: *Gaku Furuta* Date: 4/16/04
Residence: U.S.A.
Post Office Address: 1111 W. McKinley Avenue
Sunnyvale, California 94086

Country of Citizenship: Japan

Full name of fourth inventor: Qunhua Wang

Inventor's signature: *Qunhua Wang* Date: 4/16/04
Residence: U.S.A.
Post Office Address: 2927 Vista Creek Drive
San Jose, California 95133

Country of Citizenship: People's Republic of China

Full name of fifth inventor: John M. White

Inventor's signature: *John M. White* Date: 4/19/04
Residence: U.S.A.
Post Office Address: 2811 Colony View Place
Hayward, California 94541

Country of Citizenship: U.S.A.

Full name of sixth inventor: Beom Soo Park

Inventor's signature: *Beom Soo Park* Date: 4/16/04
Residence: U.S.A.
Post Office Address: 6870 Aintree Drive
San Jose, California 95119

Country of Citizenship: Republic of Korea

BEST AVAILABLE COPY